

CLAIMS

1. (Original) An implantable medical device programmer module adapted for use with a clinical monitoring or therapy delivery instrument, the module comprising:

a telemetry circuit for telemetric communication with an implantable medical device;

a connector electrically coupled to the telemetry circuit and adapted to be received by a receptacle included in the clinical instrument to achieve electrical connection between the programmer module and the clinical instrument; and

a housing for encasing the telemetry circuit wherein the housing is adapted for physical connection to the clinical instrument.

2. (Original) The module of claim 1 wherein the connector allows an electrical power source included in the clinical instrument to be connected to the module.

3. (Original) The module of claim 1 wherein the connector allows downlink telemetry data and control commands to be transferred from a central processing system included in the clinical instrument to the programmer module and uplinked telemetry data from an implanted medical device to be transferred from the programmer module to the central processing system included in the clinical instrument.

4. (Original) A medical device system, comprising:
an implantable medical device generating uplink telemetry transmissions in response to received downlink telemetry transmissions;
an external programmer module generating the downlink telemetry transmissions and receiving the uplink telemetry transmission from the implantable medical device wherein the external programmer module includes

telemetry circuitry enclosed in a housing and a connector electrically coupled to the telemetry circuitry;

a clinical instrument having a receptacle adapted to receive the programmer module connector to achieve electrical connection of the clinical instrument and the programmer module.

5. (New) The implantable medical device programmer module of claim 1, wherein the clinical instrument is selected from a group consisting of a bedside patient monitoring console and an external defibrillator.
6. (New) The implantable medical device programmer module of claim 1, wherein the programmer module is configured to allow data from the implantable medical device to be monitored directly by the clinical instrument.
7. (New) The implantable medical device programmer module of claim 1, wherein the clinical instrument allows for other modular physiological sensor units to be coupled to the clinical instrument to allow display, storage, or analysis of data retrieved from the sensor units by the clinical instrument.
8. (New) The medical device system of claim 4, wherein the clinical instrument has a display selected from the group consisting of an LCD screen, a graphical user interface, a graphical user interface on an LCD screen, a strip chart recorder, and a printer.
9. (New) The medical device system of claim 4, further comprising an additional modular physiological sensor unit that can be detachably coupled to the clinical instrument.

10. (New) A clinical instrument comprising:
- a receptacle to receive a programmer module connector to achieve electrical connection of the clinical instrument and a programmer module, the programmer module including a telemetry circuit for telemetric communication with an implantable medical device;
 - a central processing system that allows downlink telemetry data and control commands from the clinical instrument to be transferred through the connector to the control module and uplinked telemetry data from the implantable medical device to be transferred through the connector to the clinical instrument.
11. (New) The clinical instrument of claim 10, further comprising a holder to physically connect the programmer module to the clinical instrument.
12. (New) The clinical instrument of claim 10, further comprising a power source that may provide power to the programmer module through the connector.
13. (New) The clinical instrument of claim 10, wherein the central processing system allows the clinical instrument to be used as an external defibrillator.
14. (New) The clinical instrument of claim 10, further comprising a display selected from the group consisting of an LCD screen, a graphical user interface, a graphical user interface on an LCD screen, a strip chart recorder, and a printer.
15. (New) The clinical instrument of claim 10, wherein the clinical instrument and central processing system accommodate an additional sensor for measuring physiological parameters.

16. (New) The clinical instrument of claim 15, wherein the additional sensor is selected from a group consisting of a pulse oximetry sensor, a CO₂ sensors, an ECG electrode, a respiration sensor, and a blood pressure sensor.